The Rhode Island Department of Environmental Management
Office of Water Resources/Underground Injection Control (UIC) Program
235 Promenade Street, Providence, RI 02908-5767
Phone: (401) 222-6820 / FAX: (401) 222-6177

Application for Order of Approval for the Underground Injection Control Program

Pursuant to the authority of Chapter 42-17.1, Chapter 46-13.1, Chapter 42-17.6, Chapter 42-35 and Chapter 46-12 of the Rhode Island General Laws.

- Fee: $200.00
- Submit a non-refundable check payable to "General Treasurer, State of RI."
- Reference the *"Underground Injection Control Program Rules and Regulations"* and the *"Rules and Regulations Governing the Establishment of Various Fees."*

(Please Type or Print)

FOR DEM USE ONLY	
Amount Paid: _____ Check #: _____ App. #: _____	Date Received

_____
Name of Facility

_____
Nature of Business

_____
Site Location (Street Address) City/Town

_____
Mailing Address (if different than above) City/Town

_____
Owner's Name Telephone No.

_____
Owner's Address (Street) City/Town State

_____
Preparer's Name (if different than owner) Telephone No.

_____
Address (Street) City/Town State

DEM ISDS (septic system) Permit No. (for existing combined systems) _____

EPA Facility Manifest ID No. (if applicable) _____

Does site have access to: Public water service? _____
Municipal sewer service? _____
If yes, is the use of sewers available for all wastes generated?_____

Status of UIC disposal system: _____Proposed _____Active _____Temporarily Abandoned

Match the number which corresponds to the shallow injection well proposed or in use at your site with the type of wastewater discharged into each system.

(1) Dry Well	(4) Septic System	(7) Combined Septic System
(2) Cesspool	(5) Lagoon/pit	(8) Infiltration Trench
(3) Galley	(6) Catch Basin	(9) Other:_____

_____ **Non-Industrial Stormwater Drainage -** surface storm water runoff

_____ **Industrial Stormwater Drainage** - primarily surface storm water runoff, but also susceptible to spills, leaks, or other chemical discharges

_____ **Industrial Process Water and Waste Disposal** - non-hazardous waste or wastewater from industrial, commercial, and utility processes; includes cooling water using additives, and stormwater from industrial process areas, loading docks, and storage tank areas

_____ **Automotive Service Station Disposal** - vehicle maintenance bay drain disposal

_____ **Heat Pump/Air Conditioning Return Flow** - groundwater used to heat or cool a building in a heat pump system

_____ **Special Drainage** - wastewater from sources other than direct precipitation

_____ **Cooling Water Return Flow** - water used in cooling processes that is not chemically altered (anti-fouling agents, anti-scaling agents, biocides, etc.)

_____ **Subsidence Control** - fluids injected into mined-out portions of subsurface mines to eliminate subsidence

_____ **Experimental Technology** - used in experimental or unproven subsurface technologies

_____ **Aquifer Recharge** - fluids injected from a variety of sources to recharge depleted aquifers

_____ **Salt Water Intrusion Barriers** - used to inject water into fresh water aquifers to prevent intrusion of salt water into fresh water aquifers

_____ **Aquifer Remediation** - used to prevent, control, or remediate aquifer pollution

_____ **Agricultural Drainage** - irrigation tailwaters, other field drainage, animal yard, feedlot, or dairy house runoff

_____ **Groundwater Aquaculture Return Flow Wells** - Reinject groundwater or geothermal fluids used to support aquaculture. Non-geothermal aquaculture disposal wells are also included in this category

_____ **Other** - any other unspecified waste disposal (specify below)

COMPLETE THE FOLLOWING: (use a separate sheet of paper, if necessary)

1. Describe the type of waste(s) generated:_____

_____

2. The amount of waste(s) generated (estimate, if necessary):_____

_____

3. Describe level of waste treatment:

_____ None _____ Secondary (i.e., any biological treatment)

_____ Primary _____ Advanced (i.e., any further treatment beyond secondary)

Explain:_____

_____

4. The date of installation of the shallow injection well:_____

5. Any past problems with the shallow injection well:_____

_____

_____

6. Any type of waste previously discharged:_____

_____

7. The name, address, telephone number, affiliation and title of contact person who will answer questions regarding this application:_____

_____

_____

_____

8. The names and addresses of persons upon whom legal process can be served:

_____

_____

_____

The applicant shall submit the following information in addition to this application:

1. A site plan of the facility with the following:

   (a) location of buildings, property boundary lines, and abutting street with the nearest utility pole number;
   (b) plat and lot number (from local tax assessor record maps);
   (c) location where groundwater table elevation, ledge test, percolation data, and soil profile data were collected;
   (d) location of all shallow injection well(s) and all drains, drain lines, drywells, cesspools, or septic systems at the facility;
   (e) location of drinking water well(s) on the property, and any neighboring drinking water wells or public water supplies within 500 feet of the shallow injection well;
   (f) a north arrow;
   (g) location of monitoring wells (if applicable); and
   (h) a locus map with a north arrow;

2. A narrative description of the shallow injection well system and its major components. The description should contain a diagram including the plan view and cross sectional view of the shallow injection well system, indicating piping, junction boxes, tanks, and leachfields. Dimensions of all major components and design calculations must be included.

3. A description of the soil profile (for proposed shallow injection well).

4. The maximum elevation of the groundwater table and the percolation rate in the location of the shallow injection well.

5. The Material Safety Data Sheets for all chemical products stored or used at the facility which may discharge to the shallow injection well.

6. Analytical testing data of the existing waste stream or expected contaminants in proposed waste stream, based on specified testing parameters. Testing parameters should relate to on-site processes and compounds discharged or expected to discharge to the UIC system. Any questions related to specific testing parameters should be addressed to the UIC Program prior to sampling.

7. A narrative statement detailing that each of the standard design requirements have been incorporated into the design (see UIC Program "Standard Design Requirements For Shallow Injection Wells").

8. A letter from the local municipality or other responsible party committing to long term maintenance of the **stormwater disposal system**, as described in the maintenance stipulations of the UIC Program Approval.

9. The name(s) of all other RIDEM Program(s) that are or have been involved with review of an application for this site and the associated application reference number(s).

Owner's Signature Title Date